

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997
From: Tim English <timeng@concentric.net>
Subject: [19413] 12 Volt Gel Cells FOR SALE
Message-ID: <3.0.2.32.19970510064842.0080e8c0@pop3.concentric.net>

Well here I am again with some more gel cell batteries available. These cells are used but load tested good. Removed from our leased burglar alarm accounts. All less than a couple years old and should provide another 3-4 years service without a problem.

5 - 12vdc 7AH gel cells \$21.00 shipped CONUS
Size 5 15/16" long, 2 1/2" wide and 3 11/16" high excluding spade lugs
Yuasa and Interstate brands

1 - 12vdc 4AH gel cell \$15.00 shipped CONUS
Size 3 1/2" long, 2 3/4" wide and 4" high excluding spade lugs
Yuasa brand

Also is anyone interested in a used Van Gordon G5RV dipole antenna for \$25.00 ? It is complete and I just need to remove it from my tower.

Email me if any questions or interested in any of these. They will go very fast so don't wait too long.

--

Tim, K8TJ

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997
From: n4so@juno.com (charles k brown)
Subject: [19425] 14.100 Beacon Web Site
Message-ID: <19970510.115152.7327.7.n4so@juno.com>

Can someone with World Wide Web access call the web site and get the beacon

callsigns and info. They are on around the world on 14.100.

14.100 mhz beacon system

The following is a saved text file.

From: "Dick Dievendorff" <dieven@msn.com>

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: "Carol N. Wright" <cnw@HiWAAY.net>

Subject: [19431] 22 1/2 volt batteries!

Message-ID: <Pine.OSF.3.94.970510153649.21324A-1000000@fly.HiWAAY.net>

Hey Gang,

Someone was looking for some 22 1/2 volt batteries. I've found some on a web page. They go for \$5 and are called "B" batteries I think. Check out this URL as I'm not sure this is what you're looking for.

<http://www.sciplus.com/cgi-bin/basket/863296252.45/wired/25459.html>
Try this, this will give you an image and a little text about the battery.
Best 72/73 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [19420] 30M DX
Message-ID: <19970510151009.AAA14752@LOCALNAME>

Last nite, -first time in a long time, I got on 30m and tuned around about 10:30 PM local. Antenna was a half-square up 55', beaming NE<>SW. I was QRP w/4.2 watts; the others were QRO, tho I did HEAR some weak QRP (US) sigs.

UTC	CALL	HIS	ME
---	----	---	---
0229	W9SYV	579	559
0243	W6HRK	539	429
0308	W8KLI	579	569
0322	LZ1PM	579	459
0336	LY2ZZ	579	559
0358	LY2KM	579	559
0402	9A2AJ	589	569
0416	OK1IR*	579	589*

* had to go QRO 80 watts.

Either the propagation was very selective to E. Europe, or the half-square is. Either way... looks like I'd better bone up on Slavic Languages. 72 =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997
From: n4so@juno.com (charles k brown)
Subject: [19394] 38 Special Contacts
Message-ID: <19970509.210511.7439.8.n4so@juno.com>

Looking for 38S contacts on or near 10.116, especially on Saturday morning and again on Sunday. Best if we set up

a time.

Ken Brown, N4SO
QTH nr Mobile, AL
qrp-1 #622
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [19391] Before Dayton Post-Dayton Shack Cleanout FS list
Message-ID: <3373d53f.33017325@smtp.usit.net>

Traditionally, this waits until after Dayton. But I thought it might be appropriate to post here before Dayton, to sort-of "set" the market. If you find better prices or trades at Dayton, better take them! :)

Shipping/Insurance additional on all items ...

TenTec Argo 556 with NB and *ALL* HF band modules (160-10m).
Excellent condition. -- will *not* separate band modules. -- \$650

Sanegean 803 (RS DX-440 label) general coverage receiver with FM
broadcast, BFO, narrow/wide filter, Scan, 10 memories -- \$120

Alinco DJ-160 2m Handheld with case -- \$165

Outbacker, Jr., HF mobile (80-10m) antenna -- \$195

MFJ 9040 40m CW QRP Tranceiver -- \$110

NorCal 38 Special 30m CW QRP Tranceiver (assembled, 3.5watts out,
built in TiCK keyer, with original manual) -- \$75

Bencher BY-1 Black base paddles with plexiglas dust cover -- \$45

MFJ-401B Econokeyer (iambic or bug emulation) -- \$25

RS ProbeScope 5MHz digital compact portable oscilloscope with
software -- \$70

I'd like to trade for the following items. The approximate cash value is listed if you want to pick and choose from the above list on a trade. I can't add cash to any item on trade, so please don't ask. I *can* accept cash for difference on the trade. Will ONLY

trade the Argo for the compact HF rig (I have to keep an RF-generating multi-band rig around!)

Wanted:

Alinco DX-70 or Kenwood TS-50 or Icom IC-706 or similar compact HF rig (I know the 440s will go mobile, but I need the compact size).
Value: \$650-700.

CMOS Superkeyer III
Value: \$45-50

Yaseu FT-5100 or similar dual-band mobile 2m/440 rig with dual in-band receive.
Value: \$300-350.

Vibroplex triangle-base Brass Racer, no keyer installed.
Value: \$45-50

Tek 100MHz Dual Trace analog scope (or equivalent), must be pretty compact (the 2ft. by 2ft jobs I can't accept, no space).
Value: \$250-275

If we trade, we each pay our own shipping and insurance, USPS Priority Mail.

=46or the lower 48, approximate shipping costs for the ARGO is \$24 insured, all other items estimate of shipping is \$5. If over that amount, I'll absorb the difference.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [19416] Dayton Wednesday  
Message-ID: <199705101358.IAA26196@chuck.dallas.sgi.com>

Gang,

Finally found out my arrival time to Dayton on Wednesday is 7:40pm. I will have a car and can give someone a ride to the Days Inn South if they need assistance.

Flight back out of Dayton on Sunday is late also leaving Dayton after 7pm.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: PDouglas12@aol.com

Subject: [19423] DAYTON: Final badge list

Message-ID: <970510130618\_-1332444475@emout18.mail.aol.com>

Gang,

Corrections only please, no more additions, as I have already printed them (approx. 180!) and begun assembly. CU in Dayton!

72,

Preston WJ2V

-----  
-----  
  
ADAMS CHUCK K5FO FDIM SPEAKER  
ALBERT TED KF8EE  
ANTCZAK ERNIE NC8N  
ARNETT STAN AC8W  
BACHMANN RICHARD N3SLR  
BARR JOHN N6WMK  
BEEDLOW PETER NN9K  
BENSON DAVE NN1G FDIM SPEAKER SMALL WONDER LABS

BERTUZZO SERGE VA3SB  
BLANCHARD DENNIS K1YPP JADE PRODUCTS, INC.

BLANCHARD JANE KA1FUN JADE PRODUCTS, INC

BORNSTEIN STEVE K8IDN  
BOWMAN BOB AA5VS

BRAUN SCOTT KB2GWF EMBEDDED RESEARCH

BROWN DAVE K8AX  
BRUNER BOB WB4TAJ/9  
BURDICK WAYNE N6KR WILDERNESS RADIO

BUTLER RALPH K6ZAN  
BUTLER RAY WA4KEJ  
CARR MIKE WA1QAA  
CARTWRIGHT CHRIS N3XRV  
CARTWRIGHT DON N2NNF EMBEDDED RESEARCH

CARVER BILL W7AAZ FDIM SPEAKER  
CATES JIM WA6GER NORCAL 38 SPECIAL

CAVCEY KEN W0YOR  
CHOY TUCK VK3CCA  
COHEN STEVE N30IE  
COPELAND DAN KF0OV  
CORBIN LOWELL W8IQB  
CORBIN ROBIN NI9R  
CUMMING JOHN VE3JC  
CZUHAJEWSKI MIKE WA8MCQ  
DIANA GARY N2JGU EMBEDDED RESEARCH

DOBBS REV GEORGE G3RJV FDIM SPEAKER

DOBSON DAN KG9KF  
DOLSON BILL K8DDV  
DOLSON JIM WB8ZBD  
DOUBLEDAY D.C. WA8HDR  
DOUGLAS PRESTON WJ2V FDIM VENDOR CHAIR FDIM SPEAKER

DOYLE DON AC5II  
DOYLE ROBERT \*  
DOYLE RON N8VAR  
DURBIN KEN K8CQO  
DYER BOB KD6VIO WILDERNESS RADIO  
EILERS MICHAEL AC4XS  
EMM MARSHALL AA0XI MILESTONE TECHNOLOGIES

EVANS JOHN N3Q00  
EVANS KEN W4DU  
EVANS PATTY N3TOK  
EVERHART JOE N2CX FDIM SPEAKER  
FIELDS TOM WB9VTY  
FIFIELD DAVE AD6AY  
FINCH BOB W9YA

FIRLIK DON K8AQZ  
FIRTH GRAHAM G3MFJ  
FISHMAN CLARK WA2UNN  
FISHPOOL TONY G4WIF  
FITTON JIM W1FMR  
FOLLETT BOB AB7ST FDIM REGISTRATION CHAIR

FOOTE JOHN KR4GL  
FRISZ TOM N9DD  
GAFFNEY BERNARD N8PVZ  
GINGELL DANNY K3TKS  
GOBRICK BOB N0EB FDIM SPEAKER FDIM PUBLICITY CHAIR

GOEMANS PAUL WA9PWP  
GRAHAM KEN K5ID  
GREER DEBBIE \*  
GREER JEFFREY WD4ET  
HARPER REX N1SYZ  
HARTLEY CHARLES KM3V  
HAZELGREN DARRYL AF70  
HENDRICKS DOUG KI6DS NORCAL 38 SPECIAL

HENSHAW JERRY KR5L  
HERON GEORGE N2APB FDIM SPEAKER

HIDEG STEVE N8HSC INTERNET PHOTOGRAPHER

HIMES MARTY WB8FNH  
HINTZ GUS W2ZHA  
HOLLER DAVID N1RGN  
HYNDE TIM KA8DDZ  
IMAI SAM KF6ML  
JACKSON D.O. N3LAZ  
JIVOIN GREGORY WD8JTN  
JOHNEY GARY N3BYN  
JOHNSON HAROLD W4ZCB  
JOHNSON LEE KE0MC  
JOHNSTON RAY WA2YGY  
JONES ALLEN W9DZ  
JONES BRIAN G0UKB  
JUCH FRED N5JXO  
KARTY STEVEN N5SK  
KELLNER RICH W5RXP  
KELLOGG BOB AE4IC  
KELLOGG ELLEN A1XYL  
KELSEY BILL N8ET KANGA US  
KOHL HANK K8DD  
KORTGE JIM K8IQY

KORTGE KATHY KB8IMP  
KOST GIL W3MKE AM RADIO QRP KEY MFG CO

LEWALLEN ROY W7EL  
LIFLAND TOM W2RFU  
LUDINSKY CHUCK K1CL  
LUSCRE ANTHONY KA8NRC  
LYNCH MARTIN KA1LXG  
MANUEL ED N5EM PARTS/BATTERIES  
MASSENA FRED KG8OK  
MATHESON HUGH K0QD  
MCNALLY BILL AE1D  
MEIER PETE WK8S FDI/ARCI BANQUET CHAIR

MENDEZ JORGE KC8GUB  
MIDKIFF MONTE N7TAU  
MIKUCKIS JOE K3CHP  
MITCHELL BRAD WB8YGG EMBEDDED RESEARCH

MITCHELL MITCH W4OA  
MOIZEAU CHARLES W2SH  
MORIARITY JOHN K6QQ  
MOYLE AL N3KFL  
MUSCOLINO BRUCE W6TOY/3 FDI TECH CONFERENCE CHAIR  
FDI SPEAKER  
OWEN JAMES K4CGY  
PARFITT DALE W4OP  
PASCOE DICK G0BPS KANGA PRODUCTS

PASSIONE VINCE WA2ECP  
PERRY DIKKIE XYL  
PERRY MIKE PA3ASC FDI SPEAKER  
PIETSCHMAN WILLIAM KB8QPE  
POLING PAUL N8CKG  
POWERS DAVID KB8RVS  
PUCKETT DAN WD8AAU  
QUICK PAULETTE WB9VHF  
RAINS JUSTIN AA9KM  
REA AL W8LRM  
REED JACK WA7LNW  
REED JOE N9JR  
REED WAYNE K9NE  
REES CHRIS G3TUX QRP COMPONENT CO

REID GLEN K5HGB  
ROBBINS BILL WA8CDU  
ROBBINS MATT N8UGD  
ROBERTS KEN VE3BGW



ROSENFELD SCOTT      NF3I  
 SCHELL    RON   KG9AX  
 SCHILL    BOB   N9ZZ  
 SCOTT      JAMES      W9KV  
 SHEARER   SAM   WB5ZJN  
 SHILHANEK TERENCE   W0PFR  
 SIASON    GODY AC6GOV  
 SIMON      ED    K04CO  
 SJOLIN    DAVE N0IT  
 SKALSKI   JIM   N2GO  
 SMITH      WAYNE      K8FF  
 SPECHT    PHILIP      K4PQC  
 STAFFORD   JIM   W4QO  
 STARK      RON   KU7Y QRP QUARTERLY EDITOR  
  
 STEWART   DOUG N2BEG      EMBEDDED RESEARCH  
  
 STEYAERT   ROGER      K7RXV  
 STICHWEH   DAVID      N8GKQ  
 STRAIN      JOHN W9MIU  
 SWANSON    ROB   WB2DVX  
 SWITZER    BUCK N8CQA  
 SZAKONYI   DICK KA3ZOW      S & S ENGINEERING  
  
 SZAKONYI   KATHY      N3SAD      S & S ENGINEERING  
  
 TANKERSLEY    JOHN WD9EFN  
 TANTON      ED    N4XY  
 TENDAM      PAT   WS8T BUCKEYE ELECTRONICS  
  
 TENDAM      RONDA      KB8ETT      BUCKEYE ELECTRONICS  
  
 TERRIBILE DENNIS      WR4I  
 TODD RON    K4WZ  
 TOUTH      LEN   W8VQ  
 TRACY      DAN   KC9RH  
 TRIER      STEPHEN      KG8IH  
 UTLEY      DENNIS      AF7Y  
 WEINSTEIN HOWARD      K3HW  
 WHITEHEAD ELLIS      AA8SR  
 WIDMAYER   GARY N8AYY  
 WINDISH    WALD KB2JE  
 WINKLER    DAN   N7IVR  
 WISE LARRY      KA5T  
 WOHLSCHLAG      DICK WA9FLX  
 WOHLSCHLAG      MARGE      XYL  
 WRIGHT      VERN W6MMA      SLV COILS & SD-20 POLES

YOUNCE JIM K4ZM  
YOUNG LEONARD KS4RN  
YOUNG NILS WB8IJN  
YOUNG PAUL KC2AHB  
YOUNG TERRY K4KJP

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Michael Vines <mvines@pacbell.net>  
Subject: [19405] FS: MFJ-9020  
Message-ID: <2.2.16.19970509213031.1a17f53e@pacbell.net>

For Sale: MFJ-9020 20M CW Transceiver w/manual. Xlnt condition. \$80  
(includes Priority Mail shipping -- US).

Mike/AA6FH  
mvines@pacbell.net

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Steve Galchutt <N0TU@webaccess.net>  
Subject: [19417] HELP! w/Part 5 Re:38s (long)  
Message-ID: <3374810E.5208@webaccess.net>

Hello Dan and or Anyone doing "Part 5" of 38s dethumping series,

I'm in the midst of 'Moving the Switch' and I have run into a slight problem with my understanding of the directions. In the seventh paragraph of 'Moving the Switch' Part 5 of Dan Winkler's Thump Thoughts, the directions say:

"Next we need to isolate U5-A and B." <<I agree and understand why...no problem!>>

"To the right of U5 is R19 (4.7k)." <<I see R19 as being above or NW of U5 - NOT TO THE RIGHT! (Instead at the right) I see R21 (510 ohms) to the right of U5 in the location referenced in the modification. Do you think Dan meant cut the trace between R21 and pin 7/U5? REF NOTE: I've

oriented my 38s PCB with the labeling right reading and the PA and VR at the top viewing it from the component side.>>

"On the component side of the board there is a trace going from R19 , underneath U5, to pin 7 of U5. <<I see NO trace on the "component side" that goes from U5/pin7 to R19!...contrary I do see a trace that goes to R20 just N or above U5 from pin 7 AND also the trace that goes underneath U5 to the right to R19 (510 ohms)?? Am I reading this wrong maybe looking at the board from the wrong angle/orientation?>>

Finally directions say, "Cut this trace" <<Looking at the schematic if I cut the trace between R21(510ohms) and pin7 of U5 this would isolate U5 A and B as desired (I think).>>

Just wondering if I'm the only one who is trying this mod? Or if someone else has figured this out...as I'm lost. I've been staring at this 38s, the schemtic, the mod post, and smelling soldier fumes all afternoon and my brain is numb and I' dizzy!

Just curious...is there a 12 step program for those of you who have finished your 38's? What's next? What happens after it's in a case and ....no more mods....no more soldier fumes...no more changing C15...no more debugging your own errors! (You mean I'll just have to get the on air and use it..arrughh! WHAT? UNPLUG my solder iron!! No way!) ...I'm seriously beginning to wonder if the journey is the destination. Ahh yes, but then there's the SST (whew!)...Forget those 12 steps! 8^)

Almost debugged.... Steve/N0TU (getting real close to UNthumped!)

Thank you all for your contunied support gang! 'couldn't have this much fun without you guys!

-----  
"Making sense out of none sense be the challenge"....says He.....  
n0tu/hw8/49er/NW8020/SW40/38s/solar/backpack-mobile... QRP-L # 911

My homepage - <http://www.webaccess.net/~S&P>

ARS# 206 CQC# 394

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Steve Galchutt <NOTU@webaccess.net>  
Subject: [19404] HELP!? w/TT Part 5 Re:38s(long)  
Message-ID: <3373F4A4.37AB@WebAccess.Net>

Hello Dan and or Anyone doing "Part 5" of 38s dethumping series,

I'm in the midst of 'Moving the Switch' and I have run into a slight problem with my understanding of the directions. In the seventh paragraph of 'Moving the Switch' Part 5 of Dan Winkler's Thump Thoughts, the directions say:

"Next we need to isolate U5-A and B." <<I agree and understand why...no problem!>>

"To the right of U5 is R19 (4.7k)." <<I see R19 as being above or NE of U5 - NOT TO THE RIGHT! Instead I see R21 (510 ohms) to the right of U5 in the location referenced in the modification. Do you think Dan meant cut the trace between R21 and pin 7/U5? REF NOTE: I've oriented my 38s PCB with the labeling right reading and the PA and VR at the top viewing it from the component side.>>

"On the component side of the board there is a trace going from R19 , underneath U5, to pin 7 of U5. <<I see NO trace on the "component side" that goes from U5/pin7 to R19!...contray I do see a trace that goes to R20 just N or above U5 from pin 7 AND also the trace that goes underneath U5 to the right to R19 (510 ohms)?? Am I reading this wrong maybe looking at the board from the wrong angle/orientation?>>

Finally "Cut this trace" <<Looking at the schematic if I cut the trace between R21(510 ohms) and pin7 of U5 this would isolate U5 A and B as desired (I think).>>

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Almost debugged.... Steve/N0TU (getting real close to UNthumped!)

Thank you all for your contunied support gang! 'couldn't have this much fun without you guys!

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennnc@alaska.net>  
Subject: [19392] info on South Central Radio Club (sponsor of the Alaska QSO Party)  
Message-ID: <3373D608.4DD2@alaska.net>

Forwarded info on South Central Radio Club (sponsor of the Alaska QSO Party) newsletter, Anchorage, Alaska.

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The May SCRC Newsletter is up on the www.

You can access it at:

<http://www.servcom.com/worcester/>

and follow the link at the bottom of the Homepage.

73 - Len - WL7IM  
worchester@servcom.com  
==  
and 73,  
--  
Jim Larsen  
Acupressure Anchorage  
AL7FS ex-WA0LPK / KL7  
Anchorage, Alaska

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Charles Olson <jacksonharbor@worldnet.att.net>  
Subject: [19427] Island Memory kit, \$19.95 postpaid, available now!  
Message-ID: <19970510195335.AAA6601@LOCALNAME>

Jackson Harbor Press is happy to release our third kit:

### The Island Memory

This kit is in stock - price is \$17.95 plus \$2 shipping (in USA)

The Island Memory is a memory keying unit that can be added to many of the popular morse code keyers used today. It connects to your compatible keyer via 5 wires: power, ground, keyer output, dit and dah paddles. The Island Memory board has a Motorola microcontroller that controls a separate Electrically Erasable Programmable Read Only Memory (EEPROM). It keys your keyer the way you do, it actuates the dit or dah input of the keyer and then "listens" for the keyer output. The Island Memory records messages as you send them with your keyer.

It offers:

- 4 memories of 60 characters each
- manual pausing
- embedded pauses
- small size ( circuit board is 1.5 x 1.5 inches)
- real time recording (what you key is what you record)
- low power (5 ua standby, 3 ma active current at 5V)
- non-volatile EEPROM storage of messages

What you get:

- instructions
- Circuit board, double sided, plated through holes
- programmed Motorola MC68HC705J1A microcontroller
- 93LC66 4k EEPROM
- 8 and 20 pin DIP sockets
- ceramic resonator
- 9 bypass and decoupling capacitors

What you'll need / may want to add:

- 4 momentary, normally open switches
- 2 LEDs
- 2 resistors
- 1 3 pin header with 2 pin select jumper

The Island Memory has been used successfully with the following

keyer chips:

Accu Keyer (74HC chips)  
Atomic Keyer (AK-1) from Embedded Research  
C1S from Radio Adventures  
8044 from Curtis Electro Devices  
Island Keyer from Jackson Harbor Press  
TiCK-1 from Embedded Research

Note that the Island Memory is compatible with any keyer that has the following features:

- 1) Supply voltage of the keyer chips is in the 3 to 6 volt range
- 2) Dits and dahs are generated by a switch closure to ground
- 3) Keyer chip outputs a positive voltage (digital 1) when sending a dit or dah

Also note that the Island Memory does NOTHING standalone. You need to connect it to a compatible keyer for it to record and send morse code messages.

Why (the hardest question) the Island Memory?

You probably already have a keyer. It's in a box, you are used to it and like the way it keys. The problem: no memory functions OR maybe it has memory but you want more memory capacity. The Island Memory allows you to add memory keying to your keyer for less than \$20.

The Island Memory is available directly from Jackson Harbor Press or from:

Milestone Technologies  
aa0xi@mtechnologies.com  
<http://www.mtechnologies.com/mthome>

Ordering instructions:

price is \$17.95  
shipping in USA, \$2

total for 1 Island Memory: \$19.95

(DXers: please inquire to [jacksonharbor@worldnet.att.net](mailto:jacksonharbor@worldnet.att.net) for shipping rates outside the USA).

Wisconsin residents add 5.5% sales tax.

Make checks payable to: Jackson Harbor Press.

All orders will ship via First Class mail.

Mail your order to:

Jackson Harbor Press  
N21W1418 Foss Road  
RR1, Box 91C  
Washington Island, WI 54246-9718

Thanks for your interest.

Chuck

Chuck Olson  
WB9KZY  
Jackson Harbor Press  
Washington Island, WI

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [19403] Lightning  
Message-ID: <Pine.SUN.3.90.970509210623.23096A-100000@vortex>

Hi All,

One little story.....

A friend in Idaho always makes large coils, about 4' in dia, in his feed lines just before they enter the shack.

He has had the hardline from his small EME array blown out several times!

It always looks like the lightning just can't make the bend and blows right out the jacket! He has never had a rig damaged and on more than one occasion the rig was still connected to the line when it happened.

I have seen the damage myself.

Just one more little step that can't hurt but just might help!



cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: gregoire@endor.com  
Subject: [19432] N.E.QRP CLUB MEETING report  
Message-ID: <Chameleon.970510204132.GREGOIRE@Gregoire.endor.com>

Hello Gang,

Thirteen folks attended our meeting in the Octagon building at the Hoss Traders Hamfest.

Kudos to the Hoss Traders for going the extra mile for us. The Octagon building is the security building for the Rochester fair grounds. Several Hoss Traders tried in vain to unlock the building. Showing true Ham resoucfulness, they brought out the "Universal Key," a QRO pair of bolt cutters.

We had a good time with some show and tell. Dennis Marandos our esteemed 72 newsletter editor made a plea for aritcles to print in the newsletter.

So what ever you are doing QRP wise that is, please send it along to Dennis.

More to follow, stay tuned\\

de AA1IK  
Ernie

Anarchist in charge, at the moment.

-----  
WIMPS  
12 M ST/PRV,DX 17 M ST\PRV,DX 30 M ST/PRV,DX  
06--01 01--00 06--00  
-----

de AA1IK,  
Ernie Gregoire

Lead by example.

It is better to pull a string,

than to push it.

R.R. 1, Box 221,  
South Rd.  
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202  
QRP-L # 95, Fly fisher & tier,  
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

-----  
05/10/97 20:26:28

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: n4so@juno.com (charles k brown)  
Subject: [19429] NCDXF 14.100 Beacon Network  
Message-ID: <19970510.141522.4431.4.n4so@juno.com>

The text file on the 14.100 Mhz Northern California DX  
Foundation/IARU Beacon Network is available now as  
a text file called beaconcd.txt. It is about 5000 bytes long. Will send  
it by request only.

From: n4so@juno.com

Ken Brown, N4SO  
QTH nr Mobile, AL  
qrp-l #622  
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Allen Jones <ajones@adsnet.com>  
Subject: [19426] Need Scope Info  
Message-ID: <3.0.1.32.19970510144448.0068c7e0@206.158.2.1>

Can anyone give me some general info on a Tektronix 545B scope with a CA  
plug-in. I bought one this morning at a garage sale! No probes, manual or  
power cord. Any idea of what they are worth on the surplus market? I was  
told it came out of the instrument lab at the local power company when they  
updated their equipment.

72/73,

Allen Jones, W9DZ  
Michigan City, IN  
ajones@adsnet.com

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [19412] New 40 Meter Beacon?  
Message-ID: <199705101008.FAA25529@chuck.dallas.sgi.com>

Gang,

At 0932UTC May 10th 1997 I had turned on the rig to listen to 40 meters. Yes, I know that is early and the rest of the USofA is asleep, but I had gotten back from CA and I had gone to bed early, thus awoke at an hour of the day that most of us don't see too often. :-)

OK, so I hear this relatively loud (I'd give an RST report of 579 to 589) continous string HD with no proper spacing, i.e. it was continuous. It faded after about 10 minutes or so. The band sounded long but there we no other stations on at the time. I checked around the shack and I didn't have anything on but the OHR WM-1 wattmeter, thus I have to recharge the nicad in it. :-) I keep thinking about putting a little LED on the thing. All of us that own one have at one time or another left it on. For a day or two it is OK, but for 10 days that is another scenario all together.

I know that the beacon wasn't the yu beacon in Kholm'sk. This may be a fluke but time will tell.

dit dit  
FYI

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/>  
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [19395] Packet  
Message-ID: <8D78480.0004002D10.uuout@cheaha.com>

-> OK, now that I have a PK-88, where do I go and what do I look  
-> for in software?  
->  
-> And then what to I do with it??  
->  
-> I just want to watch the DX spots.

Same here Ron, the difference being that I've got a KPC-3 setup.

The first problem I had was a severe lack of packet in my area.  
Solution....picked up a 10-element yagi. Still not sure of what I'm  
doing using PAC-term. Any info, freqs, times, etc., would be most  
helpful! :) TNX!!!

72/73

Ed Welch KF4KRV

NorCal Member #??? / 1st Grand Poobah ScQRPion of Alabama

QRP-L #873 / FISTS #2964

Luverne, Alabama : Crenshaw County - Grid EM61

PIPELINE BUNGY, Skippers Canyon, NZ

AAAALLLRRRIIIIIIGGGHHHHHTTTTTTTT!!!!!!

```
+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
                >   Isn't "time" a 4-letter word?   <
```

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [19389] QRP DX  
Message-ID: <Pine.3.89.9705091745.A5295-01000000@w3eax.umd.edu>

Sitting at the shack at the U of Maryland, I worked the following on a  
watt, aided by a 6 element tribander:

Kuwait  
Guernsey  
Italy

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*

\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: gregoire@endor.com  
Subject: [19390] RESPECT/QRP/DXCC

Hello Gang,

I have been following this thread with interest.

DXCC/qrp is quite an accomplishment. Especially if  
you started at the bottom of the sun cycle.

For me respect is something I feel when I look in the  
mirror to shave each morning. I don't have to sneak up  
on the mirror to do it. Respect comes from within.  
It comes from doing what is right, even when there is  
no one looking. We have the opportunity each day to make  
a real difference in this world. It's not the big things  
either, it's the little things that count most.

There is a word in each one of us that defines us, that word  
can be either "Yes" or "NO". We show which word we have  
picked by our actions. Am I a Yes person or a no person.  
That is the question we must and will eventually all  
choose.

Cheating on something like DXCC/QRP is something the  
cheater must live with. When he is alone in the dark  
and thinks there is no one looking, how does he really  
feel about it. This is where character is made.

73 de  
AA1IK  
Ernie

-----  
WIMPS  
12 M ST/PRV,DX      17 M ST\PRV,DX      30 M ST/PRV,DX  
06--01                      01--00                      06--00  
-----

de AA1IK,                      Lead by example.  
Ernie Gregoire

It is better to pull a string,  
than to push it.

R.R. 1, Box 221,  
South Rd.  
Canaan, NH. 03741

Fists # 2644, N.E.QRP # 202  
QRP-L # 95, Fly fisher & tier,  
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

-----  
05/09/97 23:19:11

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Ed Tanton <n4xy@bellsouth.net>  
Subject: [19430] Tek 545/CA worth  
Message-ID: <3.0.1.32.19970510162405.00ac06b0@mail.atl.bellsouth.net>

At 02:44 PM 5/10/97 -0500, Allen Jones wrote:

>Can anyone give me some general info on a Tektronix 545B scope with a CA  
>plug-in. I bought one this morning at a garage sale! No probes, manual or  
>power cord. Any idea of what they are worth on the surplus market? I was  
>told it came out of the instrument lab at the local power company when they  
>updated their equipment.

>

>72/73,

>

>Allen Jones, W9DZ

>Michigan City, IN

>ajones@adsnet.com

>

Hi Allen... the 545 is one of the best 'scopes Tek made. Possibly the peak  
of tube 'scope performance. Look around for CAL (calibration) stickers, and  
see when it was last calibrated. Check the rear fuses for the appropriate  
value (printed on the rear panel.)

Turn it on. There will be some delay (~45 secs) for warmup... and the fan  
should come right up to speed. Get an ordinary BNC (Male) <> BNC (Male)  
cable, and use the Calibrator to check out the Ch 1 & Ch 2 inputs of the  
CA. Check it at the various sweep times that will Auto-trigger.

Turn up the Intensity control to check for blooming and peaking. (Peaking:  
the trace will brighten to a point, and then decrease-before the Intensity

Check the air filter. If synthetic, see if it crumbles in your hand... if metal, wash with hot water and dishwashing soap: DRY THOROUGHLY before reattaching. If not present, buy a trimmable custom air conditioning filter and trim to fit.

If all this worked out OK, it ought to be worth between \$100-\$150 max. (It's FUNCTIONALLY worth a lot more-but the market has this attitude about 'scopes and their age and availability: there's lots of 'em available, and they're all pretty old. When OK, they are reliable, extremely useful, large units. It COULD last you a lifetime. It might not. But in good working condition, they deserve a lot more respect than they sometimes get.

72/73

|                |              |             |            |       |
|----------------|--------------|-------------|------------|-------|
| QRP-ARCI #7663 | G-QRP #6779  | OK-QRP #172 | QRP-L #758 |       |
| AdvRC #140     | NORCAL #1779 |             | NCDXF      | SEDXC |
| Life Member:   | ARRL         | AMSAT       | INDEXA     | OCWA  |

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Jerry Parker <jparker@fix.net>  
Subject: [19433] W6MMA's SLV Mod Page and Kits  
Message-ID: <2.2.32.19970510225634.0070e71c@fix.net>

I have made some changes to W6MMA, Vern's SLV Mod Page.

You will find some great pictures of Vern's high quality coils

and if you go to the detail page you will find Paul Hardens

Detail Drawing of the W6MMA St. Louis Vertical.

The neat thing is you can print this page off of your browser

for a hard copy of the Drawing.

<http://www.fix.net/~jparker/w6mma.htm>

I spoke with Vern this afternoon and for those going to Dayton

he is taking several Mod Kits with him. So look Vern up and

take a look at his kits.

Enjoy,,,72,,,Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>

Subject: [19419] WIMPS: 12M SCHED.

Message-ID: <19970510130953.AAA6976@LOCALNAME>

I GOT ON 24.906, BUT NO SIGS HEARD... NOR ANYWHERE ELSE ON THE BAND. I'LL BE  
ON AGAIN AT 1400Z, 10:00AM LOCAL, AND PEEK IN EACH HR TIL I LEAVE AT 1:00PM  
LOCAL. =S=

"Seab" Lyon - AA1MY

Bethel, CT; FN-31-HJ

ARCI#9253; QRP-L #574

NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997



From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
Subject: [19400] WIMPS: 12M SCHEDS  
Message-ID: <19970510021740.AAA18750@LOCALNAME>

-SORRY GUYS... GOT THE STERBA UP, BUT COULDN'T GET THE FEEDER STRUNG ALL THE WAY SO WILL HAVE TO PICK IT UP TOMORROW AM. C U THEN, W/POST TO LIST  
=S=

"Seab" Lyon - AA1MY  
Bethel, CT; FN-31-HJ  
ARCI#9253; QRP-L #574  
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
Subject: [19424] WIMPS: SCHEDS, 12M ETC.  
Message-ID: <19970510173519.AAA21332@LOCALNAME>

WE'VE BEEN RAINED OUT.... SO, I'M HOME PAINTING, AND BUILDING BROWNIE POINTS W/MY HONEYDOO LIST WHILE SHARON IS AWAY. THAT MEANS I'LL HAVE THE RIG ON AND READY TO WORK A QRP SCHED ON ANY BAND FROM 160 TO 10M IF ANYONE WANTS TO TRY IT. JUST GIVE ENUFF LEAD TIME TO GET HANDS CLEAN AND RIG RE-TUNED. 72 =S=

"Seab" Lyon - AA1MY  
Bethel, CT; FN-31-HJ  
ARCI#9253; QRP-L #574  
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Doug <doug@sunrise.alpinet.net>  
Subject: [19402] Re: Ant feedline underground...Lightining?  
Message-ID: <3373C6B0.4029@alpinet.net>

Steve...sounds like you've got a nice project cooking. I'd avoid putting paralell line of any construction in the ground unless it's equipped with an external shield and jacket. I use a long (but not as long as yours!) open wire feeder here, built of 0.109 copper/steel wire and 2.5 in steatite insulators for spreaders. The line feeds an inverted vee antenna about 400 ft long. It's terminated in a balun right outside the shack wall. I used to have the line right into the shack to the tuner, but wanted to get the RF level down when I run the

GB Amp. I use 1/2 in PVC tubing as wall thru...put a piece of brass threaded rod through the tubing and a couple steatite insulator caps as end bushings...work real well and is easy to seal with caulking inside and out.

For lightning protection, I use a pair of powerline arrestors...put at the point of termination on the side of the house, grounded to the mat that is around the shack....300ft of 750mcm buried and termed at the side of the place in a ground plate. Some folks like to use spark plugs mounted in a steel plate for transmission line protection, but they have a high resistance to high frequency components and dont handle much current. And, since lightning is mostly VHF to UHF component, they dont make effective arrestors for nearby strikes and inductive surges in the antenna system.

If you use a tuner or balun, be sure the one you use has a grounded point or center tap on the high impedance side and then run it via a heavy conductor to a good ground point. It serves two purposes...siphons off snow static in the Winter and provides a solid point of return for surges. It's far better to cook a balun than to lose your gear due to a strike.

Dont tie the antenna grounding system to the power ground. It's a point of entry for lightning from your system back into the power neutral should you be unfortunat enough to take a strike, and also could be responsible for bringing nastys from line trouble into your system where you really dont want them. An open neutral tie out on the line near your home could raise your entire system to primary voltage (7200v in this country) should there be no other ground ties in your area....not good. Also, Mt Power would not be pleased should I do that...they're pretty fussy here as we have a bunch of lightning activity during mid Summer to Sept.

So...this is how I do it....hope this helps a bit. The open wire line is neat to use and certainly low in loss. It just takes a bit of work to get it set up so it's functional and safe.

Good Luck...

Doug, K7YD  
Livingston, MT

Steve Galchutt wrote:

>  
> Hello Antenna Gurus...Two Questions!  
>  
> 1. What is the best way to do long runs of 450 open wire or 300 ohm  
> twinlead...My radio is aproximately 300' from the base of my ant. If I

> buried open wire/twinlead in PVC, would this have an effect on it's  
> performance or should I keep it overhead and live with the lightening  
> risks. I prefer NOT using losey coax - (yes hardline would work but  
> can't afford 300'!!!) Also I prefer to use a tuner in the shack since I  
> mainly want to experiment with different wire antennas (160m-20m).  
> Remotely tuning an antenna is possible but a pain!  
>  
> 2. What's "good" lighting protection? (Yes, this was a recent thread & I  
> learn alot but still have a few Qs)... more specifically, If I have  
> serveral 8' ground rods at the base of my antenna (a 70' tree) where the  
> feedline will go under ground (or maybe overhead) for 300' to the radio  
> shack, and at the shack end I also will have a similar ground, and I'll  
> have a grounding plate feed through system into the shack so I can  
> disconnect from the antennas when not in use, (Here's the question)  
> Should all of these 'grounds' be tied together with the AC mains ground  
> or seperate? Please for give me ignorance... I probably should get ahold  
> of ARRL hand book and read the chapter on Lightning Protection.  
>  
> Any thoughts on either Qs are appreciated. Thank you...Steve/N0TU  
> -----  
> "Making sense out of none sense be the challenge"....says He.....  
> n0tu/hw8/49er/NW8020/SW40/38s/solar/backpack-mobile... QRP-L # 911  
> My homepage - <http://www.webaccess.net/~S&P>      ARS# 206   CQC# 394

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Hank Kohl <k8dd@contesting.com>  
Subject: [19393] Re: ARRL/DXCC...Some Thoughts  
Message-ID: <2.2.32.19970510021049.00707d0c@tir.com>

As I understand it, the ARRL used to issue the 75 meter SSB WAS. It was  
an added expense for a fairly small group. And there was the added  
hassle of the phone calls - "where's my number? I sent it in 3 days  
ago and haven't heard!" Exaggerated? Maybe....Maybe not! Now the  
Geritol will endorse the WAS with a sticker for your WAS. I got mine  
on 3787 back before the "phone expansion fiasco".

Those Geritol WAS cards HAD to have the frequency to the kc. - the card  
had to be a frequency specifically in the Extra band.

I cherish my two DXCC certificates on the wall, one with "almost 300".  
(If I'd ever submit, it would be over 300 and I'd be a DXCC field  
checker!). As a DX'er, I feel it is the highest DX honor. Is there  
cheating? Yeah there is. The biggest offence is power.

But I do not feel that "More Power" is the answer to being a good DX'er.  
With an antenna you can work DXCC in a weekend - pick a major DX contest

and you can do it. Who will recognise it? Your QRP clubs. Your fellow QRP'ers. If I ever sit down and QSL all the countries in my QRP log file, that DXCC will be right up there beside the ARRL DXCC.

Will the ARRL do it? I doubt it. I really think, after talking to Dave, K1ZZ, and a former chairman of the DXAC that it will not happen until the ARRL starts turning a profit, or at least gets the costs under control.

But I'm still going to talk to Dave at Dayton this year again. We got the QRP freqs recognized in QST in the frequency guide, so those talks with Dave don't go unnoticed!

73 Hank K8DD

At 02:32 PM 5/9/97 -0500, you wrote:

>

>Hi Ron:

>

>This might work. The Geritol net and ARRL jointly sponsored a WAS award  
>for 75 meter ssb, with all contacts taking place in the Extra Class  
>segment (most on 3767 mhz). I am not sure if they still have this  
>endorsement but it has been done.

>

>An alternative would be to have a sponsoring club issue endorsement  
>stickers. You send your cards to ARRL for DXCC. Then you send a list of  
>contacts or the actual cards again to the sponsoring club who issues an  
>endorsement sticker, similar to those issued by the ARRL. If you already  
>have DXCC certificate, just send in list of contacts for endorsement.

>

>73 de Dave, N0IT

>

>

>

>

\*/ Hank Kohl K8DD k8dd@contesting.com  
\*/ ARRL TS (k8dd@tir.com)  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: Raventhorne <jelder@ix.netcom.com>

Subject: [19398] Re: Digital Quadrature, et. al.

Message-ID: <2.2.16.19970509183339.4fbf163a@popd.ix.netcom.com>

At 02:06 PM 5/9/1997 -0700, Robert P. Okas wrote:

> Although I have no personal experience with it, there is a  
>reduced-cost, student version of Matlab that can develop FIR and IIR  
>filter coefficients. It sells for around \$100. There are also a number of  
>tutorial books available from independent authors.

Matlab is =WONDERFUL= for playing with DSP ideas! My memory of the student version is that it has a limited data handling capability. 4096 elements per vector/array or something like that.

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
From: "Bob Follett" <bfollett@ditell.com>  
Subject: [19421] RE: FDIM Registration -- The LAST List  
Message-ID: <199705101536.JAA09359@mars.ditell.com>

Gang:

Here is the Last FDIM Registration List you will see for 1997 ---

127 folk registered! Reminder -- If your name is on this list, you will have a badge from Preston -- Don't send him E mail unless you are a vendor/QRP'er NOT attending FDIM.

Registration at Days Inn South will open at 7am, with lots of Coffee. The sessions start at 8:00am, with a break for lunch around noon -- Yes, the boxed sandwiches again -- that's all we could afford! Then continuing through the afternoon. Registration will be open throughout the day -- Just see me to receive your Goodies, and badge from Preston.

Preston will also have the un-claimed badges available Friday at the QRP Booth at Hara.

| LAST    | FIRST | CALL  |
|---------|-------|-------|
| Adams   | Chuck | K5FO  |
| Albert  | Ted   | KF8EE |
| Antczak | Ernie | NC8N  |

|             |         |          |
|-------------|---------|----------|
| Bachmann    | Richard | N3SLR    |
| Beedlow     | Peter   | NN9K     |
| Benson      | Dave    | NN1G     |
| Bertuzzo    | Serge   | VA3SB    |
| Bornstein   | Steve   | K8IDN    |
| Bowman      | Bob     | AA5VS    |
| Brown       | Dave    | K8AX     |
| Bruner      | Bob     | WB4TAJ/9 |
| Butler      | Ralph   | K6ZAN    |
| Butler      | Ray     | WA4KEJ   |
| Carr        | Mike    | WA1QAA   |
| Carver      | Bill    | W7AAZ    |
| Cavcey      | Ken     | W0YOR    |
| Choy        | Tuck    | VK3CCA   |
| Corbin      | Robin   | NI9R     |
| Corbin      | Lowell  | W8IQB    |
| Cumming     | John    | VE3JC    |
| Czuhajewski | Mike    | WA8MCQ   |
| Diana       | Gary    | N2JGU    |
| Dobbs       | George  | G3RJV    |
| Doubleday   | D.C.    | WA8HDR   |
| Douglas     | Preston | WJ2V     |
| Doyle       | Ron     | N8VAR    |
| Doyle       | Don     | AC5II    |
| Durbin      | Ken     | K8CQ0    |
| Eilers      | Michael | AC4XS    |
| Evans       | Ken     | W4DU     |
| Evans       | John    | N3Q00    |
| Everhart    | Joe     | N2CX     |
| Fields      | Tom     | WB9VTY   |
| Firlik      | Don     | K8AQZ    |
| Firth       | Graham  | G3MFJ    |
| Fishpool    | Tony    | G4WIF    |
| Fitton      | Jim     | W1FMR    |
| Follett     | Bob     | AB7ST    |
| Foote       | John    | KR4GL    |
| Frisz       | Tom     | N9DD     |
| Gaffney     | Bernard | N8PVZ    |
| Gingell     | Danny   | K3TKS    |
| Gobrick     | Bob     | N0EB     |
| Goemans     | Paul    | WA9PWP   |
| Greer       | Jeffrey | WD4ETO   |
| Harper      | Rex     | N1SYZ    |
| Hartley     | Charles | KM3V     |
| Hazलगren    | Darryl  | AF70     |
| Henshaw     | Jerry   | KR5L     |
| Heron       | George  | N2APB    |
| Himes       | Martin  | WB8FNH   |

|            |          |         |  |
|------------|----------|---------|--|
| Imai       | Sam      | KF6ML   |  |
| Jackson    | D.O.     | N3LAZ   |  |
| Jivoiin    | Gregory  | WD8JTN  |  |
| Johney     | Gary     | N3BYN   |  |
| Johnson    | Harold   | W4ZCB   |  |
| Johnson    | Lee      | KE0MC   |  |
| Johnston   | Ray      | WA2YGY  |  |
| Juch       | Fred     | N5JX0   |  |
| Karty      | Steven   | N5SK    |  |
| Kellogg    | Bob      | AE4IC   |  |
| Kellogg    | Ellen    | A1XYL   |  |
| Kelsey     | Bill     | N8ET    |  |
| Kohl       | Hank     | K8DD    |  |
| Lewallen   | Roy      | W7EL    |  |
| Lifland    | Tom      | W2RFU   |  |
| Ludinsky   | Chuck    | K1CL    |  |
| Luscre     | Anthony  | KA8NRC  |  |
| Lynch      | Martin   | KA1LXG  |  |
| Manuel     | Ed       | N5EM    |  |
| Massena    | Fred     | KG8OK   |  |
| Matheson   | Hugh     | K0QD    |  |
| McNally    | Bill     | AE1D    |  |
| Meier      | Pete     | WK8S    |  |
| Midkiff    | Monte    | N7TAU   |  |
| Mikuckis   | Joe      | K3CHP   |  |
| Mitchell   | Brad     | WB8YGG  |  |
| Moizeau    | Charles  | W2SH    |  |
| Moriarity  | John     | K6QQ    |  |
| Moyle      | Al       | N3KFL   |  |
| Muscolino  | Bruce    | W6TOY/3 |  |
| Owen       | James    | K4CGY   |  |
| Parfitt    | Dale     | W40P    |  |
| Pascoe     | Dick     | G0BPS   |  |
| Passione   | Vince    | WA2ECP  |  |
| Perry      | Mike     | PA3ASC  |  |
| Pietschman | William  | KB8QPE  |  |
| Powers     | David    | KB8RVS  |  |
| Puckett    | Dan      | WD8AAU  |  |
| Quick      | Paulette | WB9VHF  |  |
| Rea        | Al       | W8LRM   |  |
| Reed       | Wayne    | K9NE    |  |
| Rees       | Chris    | G3TUX   |  |
| Reid       | Glen     | K5HGB   |  |
| Roberts    | Ken      | VE3BGW  |  |
| Schill     | Bob      | N9ZZ    |  |
| Scott      | James    | W9KV    |  |
| Shearer    | Sam      | WB5ZJN  |  |
| Shilhanek  | Terence  | W0PFR   |  |

|            |         |        |
|------------|---------|--------|
| Siason     | Gody    | AC6GUV |
| Simon      | Ed      | K04CO  |
| Sjolin     | Dave    | N0IT   |
| Specht     | Philip  | K4PQC  |
| Stafford   | Jim     | W4QO   |
| Stark      | Ron     | KU7Y   |
| Steyaert   | Roger   | K7RXV  |
| Swanson    | Rob     | WB2DVX |
| Switzer    | Buck    | N8CQA  |
| Szakonyi   | Dick    | KA3ZOW |
| Szakonyi   | Kathy   | N3SAD  |
| Tankersley | John    | WD9EFN |
| Tanton     | Ed      | N4XY   |
| Todd       | Ron     | K4WZ   |
| Touth      | Len     | W8VQ   |
| Tracy      | Dan     | KC9RH  |
| Trier      | Stephen | KG8IH  |
| Utle       | Dennis  | AF7Y   |
| West       | Gil     | W3MKE  |
| White      | Bob     | W03B   |
| Whitehead  | Ellis   | AA8SR  |
| Winkler    | Dan     | N7IVR  |
| Wise       | Larry   | KA5T   |
| Wohlschlag | Dick    | WA9FLX |
| Younce     | Jim     | K4ZM   |
| Young      | Terry   | K4KJP  |
| Young      | Paul    | KC2AHB |
| Young      | Leonard | KS4RN  |

If you are not on this list, you can still register at the door.

See you all then,

Bob, FDIM Registration Chair

-----  
 Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
 2861 Estates Dr. VOICE: 801.649.6457  
 Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997  
 From: Dick Pascoe <dayton@kanga.demon.co.uk>  
 Subject: [19409] Re: FLYING OHMS-- LOOK OUT!  
 Message-ID: <odDM1wAZ9tczEwgE@kanga.demon.co.uk>



In message <199705081616.KAA19110@lynx.csn.net>, Marshall Emm  
<mgemm@mtechnologies.com> writes

>

>

> "As we're standing and talking right here, little ohms are jumping  
>out of our bodies, just little critters going everywhere," said  
>salesman James Bennet of Golden, his fingers flinging invisible zaps  
>into the air before him.

>

Obviously heading 'ome to mummy & daddy 'Ohm'

--

|                                                                         |                               |
|-------------------------------------------------------------------------|-------------------------------|
| Dick Pascoe G0BPS/G0R00                                                 | Kanga Products                |
| Dick@kanga.demon.co.uk                                                  | Seaview House,                |
| <a href="http://www.kanga.demon.co.uk">http://www.kanga.demon.co.uk</a> | Crete Road East.              |
| ARCI DX membership person                                               | Folkestone. Kent. CT18 7EG.UK |
| Ham Radio Today QRP Columnist                                           | Tel / Fax 44 (0)1303 891106   |

From owner-qrp-l@Lehigh.EDU Sat May 10 18:03:49 1997

From: Bob Hightower <ki7mn@dancris.com>

Subject: [19422] Re: FLYING OHMS-- LOOK OUT!

Message-ID: <199705101553.IAA08208@dancris.com>

At 09:24 AM 5/9/97 +0100, you wrote:

>In message <199705081616.KAA19110@lynx.csn.net>, Marshall Emm

><mgemm@mtechnologies.com> writes

>>

>>

>> "As we're standing and talking right here, little ohms are jumping  
>>out of our bodies, just little critters going everywhere," said  
>>salesman James Bennet of Golden, his fingers flinging invisible zaps  
>>into the air before him.

>>

>Obviously heading 'ome to mummy & daddy 'Ohm'

>--

>

Yes, and they are obviously very, very dangerous. Witness the complete loss  
of credibility caused by overexposure to the flying critters.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QS0's=17 30=17 17=0 12=0 States=14/0/0 DX=0/0/0 QSL's=5

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Dick Pascoe <dayton@kanga.demon.co.uk>  
Subject: [19410] Re: FS Scout 555 + 3 modules - REDUCED!  
Message-ID: <pdeMl3At9tczEwgM@kanga.demon.co.uk>

In message <Pine.SUN.3.91-FP.970508144420.16345A-1000000@cap1.capaccess.org>, "Robert D. Haslach" <rhaslach@CapAccess.org> writes  
>Scout 555, recently checked and alligned by TenTec, modules for 10m, 15m,  
>20m, official Tentec hand mike, tentec manual, non-smoker owner PLUS the  
>MFJ iambic paddle PLUS hamsticks for 20m & 15m  
>Great at a full 50W and a full QRP 5W. Great for mobile or desk top,  
>all for the ridiculously low price of \$550 shipped in lower 48.  
>And now take \$50 off and the first \$500 takes it.  
>(I hope this salesman talk works...)

What? No flying ohms in the sales pitch?  
>

--

|                                                                         |                               |
|-------------------------------------------------------------------------|-------------------------------|
| Dick Pascoe G0BPS/G0R00                                                 | Kanga Products                |
| Dick@kanga.demon.co.uk                                                  | Seaview House,                |
| <a href="http://www.kanga.demon.co.uk">http://www.kanga.demon.co.uk</a> | Crete Road East.              |
| ARCI DX membership person                                               | Folkestone. Kent. CT18 7EG.UK |
| Ham Radio Today QRP Columnist                                           | Tel / Fax 44 (0)1303 891106   |

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
Subject: NCDXF beacon info

We have our beacon information on our web site.

<http://www.ncdxf.org> Follow the beacon link or

<http://www.ncdxf.org/beacon.htm>

73 de Dick, K6KR  
webmaster@ncdxf.org  
nnnn

Ken Brown, N4SO  
QTH nr Mobile, AL  
qrp-1 #622  
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: [19428] Re: Need Scope Info  
Message-ID: <3374D449.61B6@dancris.com>

Allen,

According to Stan Griffith's book, the 545B has 33 MHz bandpass, accepts letter series plug-ins, has two timebases which can be used in the delayed sweep mode and improved trigger circuits which work to 33 MHz. Last catalog price was \$2100 (1973). Approximate price now \$175.00

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj  
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383  
AK-QRP 167

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Byron8LCZ@aol.com  
Subject: [19406] Re: QRP Calling Freqs  
Message-ID: <970509134815\_-1332536960@emout06.mail.aol.com>

In a message dated 97-05-08 23:13:59 EDT, you write:

list of QRP calling freq's.  
<< 17 18.096 >>

The ARRL sends their code practice at 18.097.5, only 1.5 khz away from the QRP calling freq, not a good place to be, especially in the east. The ARRL comes in so strong, they have key clicks plus and minus 5 khz. Some Cuban stations also use those freqs around 098 with their chirpy signals. I prefer the other QRP calling freq of 18.085, its away from the DX portion, 18.068 to 080 and thats where i'll be listening and calling CQ.

72, Byron WA8LCZ Detroit

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: Dick Pascoe <dayton@kanga.demon.co.uk>  
Subject: [19408] Re: QRP Calling Freqs  
Message-ID: <vd0NFtAF9tczEwhc@kanga.demon.co.uk>

>

The heading is 'QRP calling frequencies'

IMHO this title is wrong. In Europe we refer to centres of activity. If we all jump on 7.040 we would never work anyone. However if we all sit around 7.040 (EU = 7.030) we can have fun.  
^^^^^

TTFN de ..

--

|                                                                         |                               |
|-------------------------------------------------------------------------|-------------------------------|
| Dick Pascoe G0BPS/G0R00                                                 | Kanga Products                |
| Dick@kanga.demon.co.uk                                                  | Seaview House,                |
| <a href="http://www.kanga.demon.co.uk">http://www.kanga.demon.co.uk</a> | Crete Road East.              |
| ARCI DX membership person                                               | Folkestone. Kent. CT18 7EG.UK |
| Ham Radio Today QRP Columnist                                           | Tel / Fax 44 (0)1303 891106   |

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [19411] Re: QRP Calling Freqs  
Message-ID: <199705100956.EAA25463@chuck.dallas.sgi.com>

Dick et.al.,

I agree that the heading is incorrect, but that's what they are published as in several places.

I continually get email asking about the gathering frequencies and we all see the numerous posts about digital droids on 7.040MHz and the other bands. One of the nicest things that I have on all my rigs is the VFO. It allows me to move to another frequency.

I tune around the band before I call CQ. This does several things for me. It allows me to determine if the band is open and if there is any activity or other stations that I want to call first. And if there is little or no activity or no QSO about to break up whereby I can call someone or no CQ's in progress, then I will call CQ.

Of course, in the later case when I start calling CQ it seems like about 20mS after I start someone else does the same about 400 Hz

away from me. :-) ;-)

We have had a similar type problem in the foxhunt schedules in that most fox stations will announce a frequency of say 7.037MHz. I and I hope others know that that frequency is an approximation and should not be taken literally. There may be a QSO in progress and other unforeseen problems and the exact location of the station is to be determined at their option.

So, everyone should take the frequencies as starting points and move away. In fact, I'd probably take them as points not to work because everyone else in the world wants them too. :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: rob3ert@juno.com (Robert G. Parks)

Subject: [19414] Re: QRP Calling Freqs

Message-ID: <19970510.064539.3582.0.rob3ert@juno.com>

Chuck,

In your list you have 10.106 Mhz as the gathering place for 30 meters; guess the reason I've been so unsuccessful on 30 is that I've been trying to use 10.116 Mhz!

72/73

Bob Parks

K6AEC (Las Vegas)

On Sat, 10 May 1997 04:56:46 -0500 adams@chuck.dallas.sgi.com (Chuck Adams) writes:

>Dick et.al.,

>

>I agree that the heading is incorrect, but that's what they  
>are published as in several places.

>

>I continually get email asking about the gathering frequencies  
>and we all see the numerous posts about digital droids on 7.040MHz  
>and the other bands. One of the nicest things that I have on all

>my rigs is the VFO. It allows me to move to another frequency.  
>  
>I tune around the band before I call CQ. This does several things  
>for me. It allows me to determine if the band is open and if there  
>is any activity or other stations that I want to call first. And  
>if there is little or no activity or no QSO about to break up whereby  
>I can call someone or no CQ's in progress, then I will call CQ.  
>  
>Of course, in the later case when I start calling CQ it seems like  
>about 20mS after I start someone else does the same about 400 Hz  
>away from me. :-) ; -)  
>  
>We have had a similar type problem in the foxhunt schedules in that  
>most fox stations will announce a frequency of say 7.037MHz. I and  
>I hope others know that that frequency is an approximation and should  
>not be taken literally. There may be a QSO in progress and other  
>unforseen problems and the exact location of the station is to be  
>determined at their option.  
>  
>So, everyone should take the frequencies as starting points and move  
>away. In fact, I'd probably take them as points not to work because  
>everyone else in the world wants them too. :-)  
>  
>dit dit  
>  
>Chuck Adams K5FO CP-60 adams@sgi.com  
><http://reality.sgi.com/adams/>  
>WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=005  
>  
>

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [19415] Re: QRP Calling Freqs  
Message-ID: <199705101356.IAA26185@chuck.dallas.sgi.com>

Bob et.al.,

No, 10.116MHz is one that we have been using along with the G-QRP group. 10.106MHz is the one that has been used for a long time, but there is a commercial station on that freq and some people avoid it when the propagation is good.

I think that 30m is starting to get better on propagation now that we are getting along in the season. Winter time saw 30m rather poor and closing early. With the summer season you

should see 30m stay open much later and have better propagation.  
Hope for better sunspot activity also.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/>  
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Dick Pascoe <dayton@kanga.demon.co.uk>  
Subject: [19407] Re: QRP DXCC and ARRL  
Message-ID: <uNsNBfAkwtczEwAT@kanga.demon.co.uk>

Or even email it to him at ARRL HQ..

>  
>Mr. David Sumner, K1ZZ  
>ARRL  
>  
>Mr. Sumner:  
> I would like to take this opportunity to call to your attention that  
>there  
>is no QRP endorsement to DXCC. There are hundreds of QRP operators out  
>there who would benefit from such an endorsement. The ARRL has a QRP class  
>in many of their contests, and they have QRP endorsements for WAS and WAC.  
>I am asking that you consider asking the DXCC Advisory Committee to  
>consider a QRP endorsement for DXCC.

>  
>Sincerely,  
>  
>  
>-----  
>  
>  
>  
>  
>

--  
Dick Pascoe G0BPS/G0R00 Kanga Products  
Dick@kanga.demon.co.uk Seaview House,  
<http://www.kanga.demon.co.uk> Crete Road East.  
ARCI DX membership person Folkestone. Kent. CT18 7EG.UK  
Ham Radio Today QRP Columnist Tel / Fax 44 (0)1303 891106

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Raventhorne <jelder@ix.netcom.com>  
Subject: [19396] Re: R2 and digital quadrature -- deja vu!  
Message-ID: <2.2.16.19970509182918.4fbf2f2c@popd.ix.netcom.com>

At 10:56 AM 5/9/1997 -0700, laura halliday wrote:

>John Seboldt wrote:

>>

>> (snip...)

>>

>> Well, if someone will kindly give us chip names, write  
>> some firmware, and give us other such details, I for  
>> one would not mind such an intro to this admittedly  
>> common industry approach!

>

>Hit your favourite technical bookstore and pick up a decent  
>DSP textbook - the topic is currently trendy, and good  
>books abound. My perennial beef is that many books go  
>through all the theory and preliminaries in detail, but  
>when it comes time to actually compute FIR coefficients  
>they tell you to feed the information to some handy dandy  
>program that didn't come with the book and that you get  
>to pay still more money for. Nevertheless, it is pretty  
>easy to find yourself hip-deep in information.

If anybody is at all inclined towards this stuff, a copy of the book  
NUMERICAL RECIPES is invaluable. Sort of a software equivalent to a QRP  
project book. Some theory, the essential "how to do it", "construction  
hints" and a bibliography. It's kinda pricey, but it covers a lot of  
mathematical/algorithmic ground. Good recipes for image and signal  
processing, statistical analysis, and a ton of other numerical stuff.

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Raventhorne <jelder@ix.netcom.com>  
Subject: [19397] Re: R2 and digital quadrature -- deja vu!



Message-ID: <2.2.16.19970509183527.4fbf0bb2@popd.ix.netcom.com>

At 06:52 PM 5/9/1997 EDT, Howard D Rubin wrote:

>Why would anyone want to tie up a \$2000 computer as an audio filter when  
>a \$100 DSP board (or \$25. DSP chip with peripherals) could do the job  
>better? grins.

Prototyping. You could probably run Matlab with a few homebrew routines to get the data through your system. That would allow you to change algorithms on the fly without burning any new chips. Once everything is hunky dory, burn some eproms for a DSP . . .

72,

John

@~~~

@ John Elder, Ko6TS

@ PHROG (Pagan Ham Radio Operators' Guild)

@ Box 232, El Segundo, CA 90245

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997

From: DYARNES@aol.com

Subject: [19401] Re: Rainbow parts alert - R9

Message-ID: <970509215349\_2017940296@emout16.mail.aol.com>

Wait a minute! Now I really am confused! I was just getting ready to contact you (Joe E.) and warn the group that R6 (NOT R9) apparently was not included. Its value per the parts list and the schematic is 56.2K. However, the resistor I got was 56.2 ohms, as you also indicate. R6 should be green-blue-red-red-brown NOT red-blue-brown-red-brown as you indicate in your post (unless the manual and the value is wrong!). The color you indicate is for R9 and was included in my kit. Is this correct or am I screwed up? I hope I am not messing everybody up.

By the way, the manual is OUTSTANDING!

I picked up some 56.2K 1% resistors today, so hope to finish this weekend.  
I'll wait to hear if that is the correct solution.

72 de David W7AQK

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Joe Everhart <n2cx@voicenet.com>  
Subject: [19418] Re: Rainbow parts alert - R9  
Message-ID: <199705101501.LAA27471@mail3.voicenet.com>

David, you wrote:

>Wait a minute! Now I really am confused! I was just getting ready to  
>contact you (Joe E.) and warn the group that R6 (NOT R9) apparently was not  
>included. Its value per the parts list and the schematic is 56.2K. However,  
>the resistor I got was 56.2 ohms, as you also indicate. R6 should be  
>green-blue-red-red-brown NOT red-blue-brown-red-brown as you indicate in your  
>post (unless the manual and the value is wrong!). The color you indicate is  
>for R9 and was included in my kit. Is this correct or am I screwed up? I  
>hope I am not messing everybody up.  
>  
>By the way, the manual is OUTSTANDING!  
>  
>I picked up some 56.2K 1% resistors today, so hope to finish this weekend.  
> I'll wait to hear if that is the correct solution.  
>  
>72 de David W7AQK

David, you are right and I was wrong in my original posting. Not ime to do a  
torough job now, maybd Monday...

R9 is 26.1 K as you indicated. I was incorrect to mention it.

R6 is the resistor in question. It should be 56.2 K

or grn-blu-red-red brn

What was sent out in some kits was a 56.2 OHM resistor

or grn-blu-red-gld-brn

So go a ahead and install R9 and the 56.2 K resistor you got.

Sorry about the confusion. Goes to show what happens when you try to do too  
many things at once.

72/73,

Joe E., N2CX

from Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Sat May 10 18:03:49 1997  
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>  
Subject: [19399] Re: RESPECT/QRP/DXCC  
Message-ID: <3373CBA4.366@postoffice.worldnet.att.net>

gregoire@endor.com wrote:

>  
> Hello Gang,  
>  
> I have been following this thread with interest.  
>  
> DXCC/qrp is quite an accomplishment. Especially if  
> you started at the bottom of the sun cycle.  
>  
> For me respect is something I feel when I look in the  
> mirror to shave each morning. I don't have to sneak up  
> on the mirror to do it. Respect comes from within.  
> It comes from doing what is right, even when there is  
> no one looking. We have the opportunity each day to make  
> a real difference in this world. It's not the big things  
> either, it's the little things that count most.  
>  
> There is a word in each one of us that defines us, that word  
> can be either "Yes" or "NO". We show which word we have  
> picked by our actions. Am I a Yes person or a no person.  
> That is the question we must and will eventually all  
> choose.  
>  
> Cheating on something like DXCC/QRP is something the  
> cheater must live with. When he is alone in the dark  
> and thinks there is no one looking, how does he really  
> feel about it. This is where character is made.  
>  
> 73 de  
> AA1IK  
> Ernie  
> snip-snip

Hear, hear!

Well said, Ernie. You just can't cheat anyone but yourself, whether at school, in a contest, or on some award.

If you think otherwise, you are only deluding yourself.

I play a lot of chess here on the Internet. One of my friends once asked how I know my opponents weren't using computers to beat me. My reply was that if they were doing that, they were only cheating themselves of the satisfaction of a good win. Hey, if you need a computer to beat a class C player, you are in sad shape.

--

\*\*\*\*\*

\*\*\*\*\*

73 de

KC8DGU

Tom Isgro

OHIO

10-X #68364

SCI #1479

QRP-L #945

ARS #203

C.A.T.T #2115

FIST 2360

NORCAL

ARRL

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